TITLE:

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METHOD TO INCREASE THE LIFE SPAN OF LIMITED

CYCLE READ/WRITE MEDIA

INVENTORS: E. David Neufeld and Judy A. Neufeld ATTY DKT NO.: H052617.1132US0

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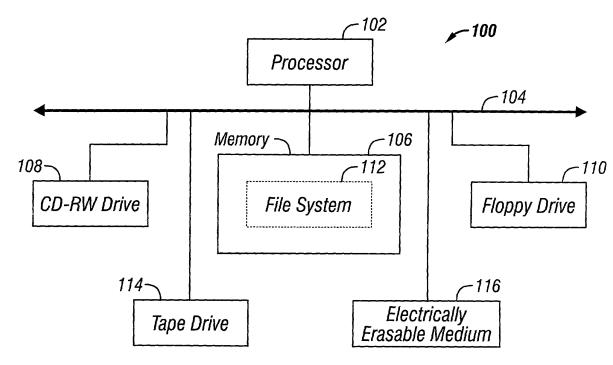


FIG. 1

CYCLE READ/WRITE MEDIA
INVENTORS: E. David Neufeld and Judy A. Neufeld

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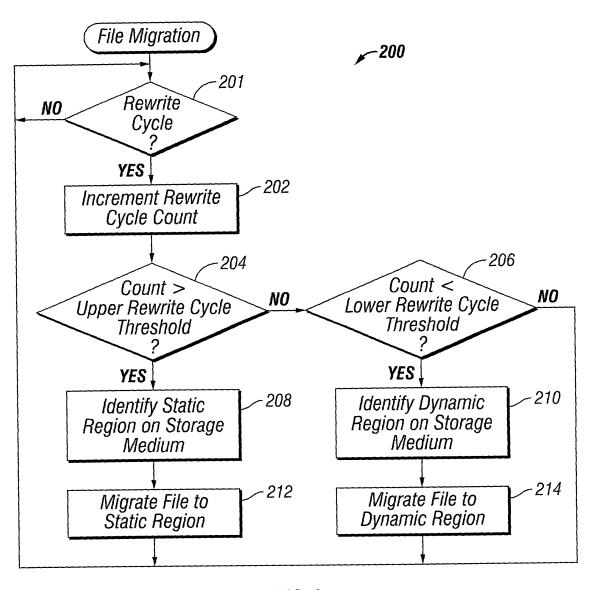


FIG. 2

the first transfer of the first transfer of

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-304 -302 -300 File Type Rewrite Cycle Count Block Address

FIG. 3

_400	_402
Drive Identifier	Rewrite Cycle Threshold

FIG. 4

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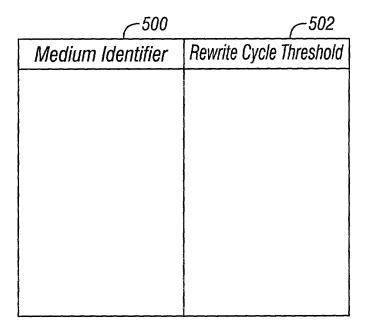


FIG. 5

-800	_802
Region Address	Most Recently Used

FIG. 8

CYCLE READ/WRITE MEDIA

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600	FILE_1 Static
602~	FILE_2
604	(Static)
606	FILE_3 Dynamic
608	FILE_4
610	(Static)

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600 —	FILE_3 [Dynamic] (Static)
~~~	FILE_2 [Dynamic] (Dynamic)
604	(Static)
606	FILE_1 [Static] (Dynamic)
608	FILE_4
610	(Static)

FIG. 6A

FIG. 6B

```
600 FILE_3 [Dynamic] (Static)
602 (Dynamic)
604 FILE_2 [Dynamic] (Static)
606 FILE_1 [Static] (Dynamic)
608 FILE_4
610 (Static)
```

600~	FILE_3 [Dynamic] (Static)
002	FILE_5 (Dynamic)
604	FILE_2 [Dynamic] (Static)
606	FILE_1 [Static] (Dynamic)
608	FILE_4
010	FILE_6 (Static)

FIG. 6D

CYCLE READ/WRITE MEDIA

INVENTORS: E. David Neufeld and Judy A. Neufeld

ATTY DKT NO.: H052617.1132US0

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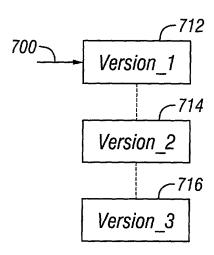


FIG. 7A

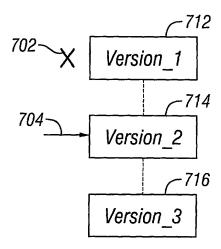


FIG. 7B

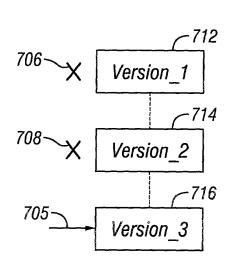


FIG. 7C